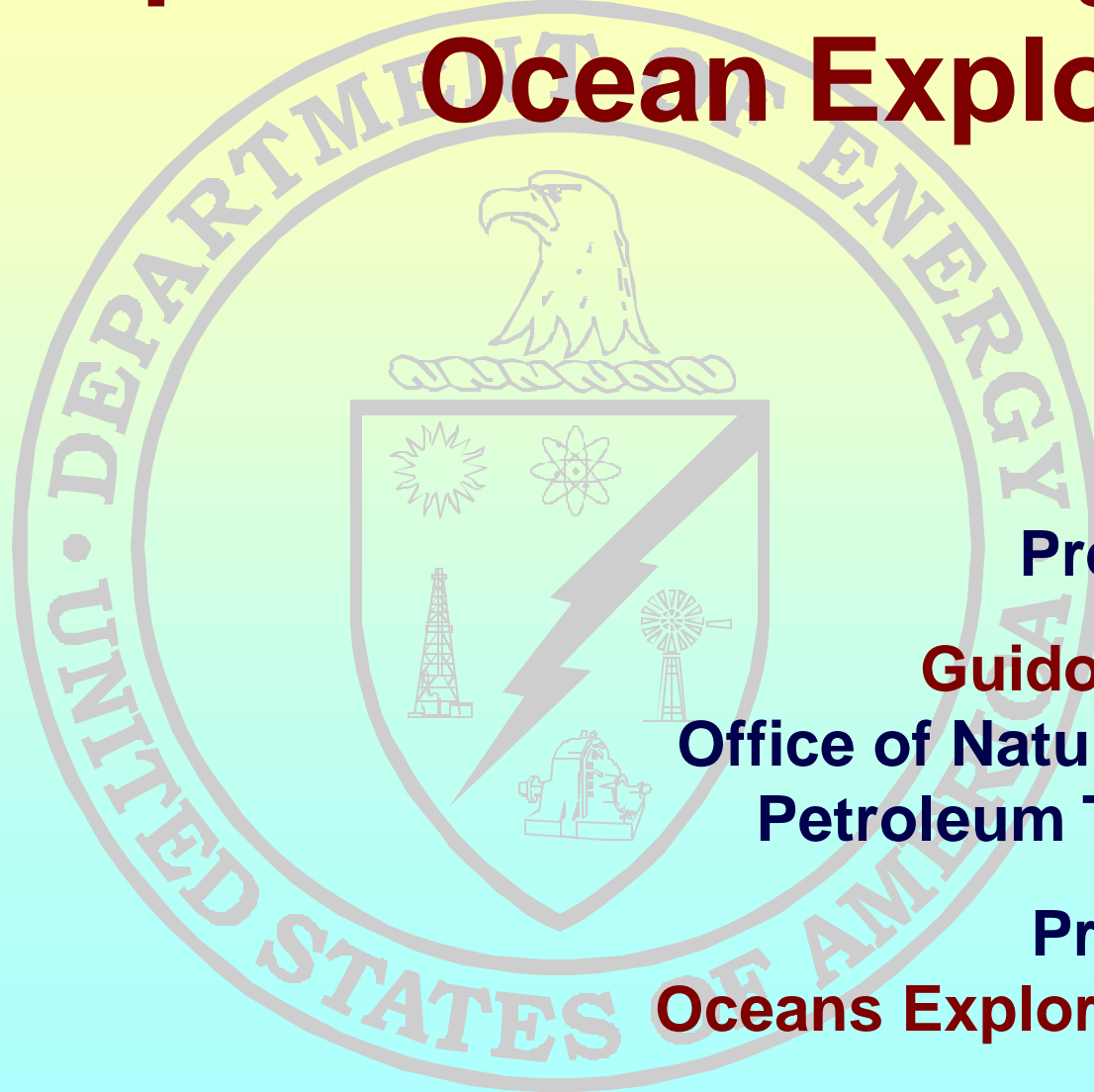


# Department of Energy and Ocean Exploration



**Presented by:**

**Guido DeHoratiis**

**Office of Natural Gas and  
Petroleum Technology**

**Presented to:**

**Oceans Exploration Panel**

**August 22, 2000**



# Outline

- **Background**
- **Partnerships**
- **Research**
- **Summary**



# Background

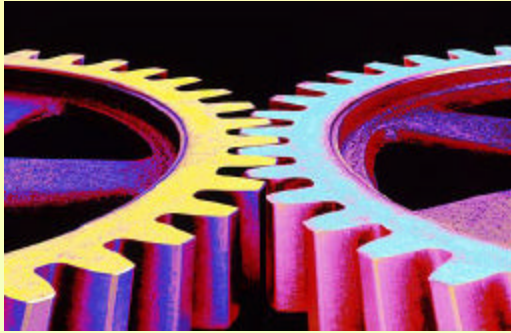
## Oceans and Energy

### ➤ Energy Mission

- Clean
- Affordable
- Dependable

### ➤ Oceans and Energy

- Sources
- Transport Medium
- Creative Solutions



# Partnerships

- **Industry**
- **Academia**
- **Stakeholders**

## **Tools:**

- **Piggy Back**
- **Roadmapping**



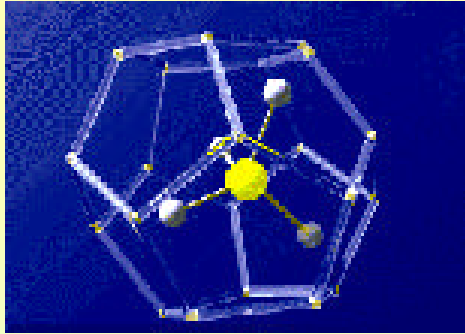
# Research Efforts

- **Offshore Oil and Gas Exploration**
- **Hydrates**
- **Climate Change and Carbon/CO<sub>2</sub> Sequestration**
- **Energy from the Oceans**

# Offshore Oil and Natural Gas Production







# Hydrates



**Locations of known and inferred hydrate deposits**



# Carbon/CO<sub>2</sub> Sequestration

- **Climate Change**
- **Carbon Cycle in the Oceans**
- **Molecular Marine Biology**



# Energy from the Oceans



- **Tidal Power**
- **Ocean Thermal Energy Conversion**

